

Conservation Measure 41-10 (2021)
Limits on the exploratory fishery for *Dissostichus mawsoni*
in Statistical Subarea 88.2 in the 2021/22 season

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| Species | toothfish |
| Area | 88.2 |
| Season | 2021/22 |
| Gear | longline |

The Commission hereby adopts the following conservation measure in accordance with Conservation Measure 21-02:

- Access
1. Fishing for *Dissostichus mawsoni* in Statistical Subarea 88.2 shall be limited in the 2021/22 season to the exploratory longline fishery by Australia, Japan, the Republic of Korea, New Zealand, Ukraine, UK and Uruguay. The fishery in small-scale research units (SSRUs) C, D, E, F, G, H and I shall be conducted by two (2) Australian, one (1) Japanese, six (6) Korean, three (3) New Zealand, five (5) Ukrainian, three (3) UK and one (1) Uruguayan flagged vessels using longlines only.
- Catch limit
2. The total catch of *Dissostichus mawsoni* in Statistical Subarea 88.2 in the 2021/22 season shall not exceed a precautionary catch limit applied as follows:
 - (i) SSRUs A and B outside the Ross Sea region marine protected area and north of 70°S – included in the catch limit in Conservation Measure 41-09, paragraph 2(i)
 - (ii) SSRUs A and B outside the Ross Sea region marine protected area and south of 70°S – included in the catch limit in Conservation Measure 41-09, paragraph 2(ii)
 - (iii) The part of SSRU A within the Special Research Zone of the Ross Sea region marine protected area – included in the catch limit in Conservation Measure 41-09, paragraph 2(iii)
 - (iv) Research block 1 as defined in Annex 41-10/A – 230 tonnes
 - (v) Research block 2 as defined in Annex 41-10/A – 223 tonnes
 - (vi) Research block 3 as defined in Annex 41-10/A – 204 tonnes
 - (vii) Research block 4 as defined in Annex 41-10/A – 154 tonnes
 - (viii) SSRU H – 102 tonnes
 - (ix) SSRU I – 0 tonnes.
- Season
3. For the purpose of the exploratory longline fishery for *Dissostichus mawsoni* in Statistical Subarea 88.2, the 2021/22 season is defined as the period from 1 December 2021 to 31 August 2022.
 4. The exploratory longline fishery for *Dissostichus mawsoni* in Statistical Subarea 88.2 shall be carried out in accordance with the provisions of Conservation Measure 41-01, except paragraph 6.

- By-catch 5. The by-catch in SSRU H and in each of the research blocks defined in Annex 41-10/A in Statistical Subarea 88.2 in the 2021/22 season shall be regulated as set out in Conservation Measure 33-03.
- The by-catch in SSRUs A and B shall be regulated under Conservation Measure 41-09, paragraph 6.
- Mitigation 6. The exploratory longline fishery for *Dissostichus mawsoni* in Statistical Subarea 88.2 shall be carried out in accordance with the provisions of Conservation Measure 25-02.
7. Any vessel catching a total of three (3) seabirds shall immediately change to night setting only (i.e. setting only during the hours of darkness between the times of [nautical twilight](#)¹⁾²).
- Observers 8. Each vessel participating in the fishery shall have at least two scientific observers, one of whom shall be an observer appointed in accordance with the CCAMLR Scheme of International Scientific Observation, on board throughout all fishing activities within the fishing period.
- VMS 9. Each vessel participating in this exploratory longline fishery shall be required to operate a VMS at all times, in accordance with Conservation Measure 10-04.
- CDS 10. Each vessel participating in this exploratory longline fishery shall be required to participate in the Catch Documentation Scheme for *Dissostichus* spp., in accordance with Conservation Measure 10-05.
- Research 11. The activities in SSRUs C, D, E, F, G and H will be conducted under the two-year data collection plan³.
12. Each vessel participating in this exploratory fishery shall conduct fishery-based research in accordance with the Research Plan and Tagging Program described in Conservation Measure 41-01, Annex 41-01/B and Annex 41-01/C respectively. The setting of research hauls (Conservation Measure 41-01, Annex 41-01/B, paragraphs 3 and 4) is not required.
13. Toothfish shall be tagged at a rate of at least three fish per tonne green weight caught in SSRU H and at a rate of at least three fish per tonne green weight in each of the research blocks in SSRUs C–G. Tag-overlap statistics shall be calculated separately for SSRU H; and SSRUs C, D, E, F and G combined.
- Tagging in SSRUs A and B shall be in accordance with Conservation Measure 41-09, paragraph 13.
- Data: catch/effort 14. For the purpose of implementing this conservation measure in the 2021/22 season, the following shall apply:

- (i) the Daily Catch and Effort Reporting System set out in Conservation Measure 23-07;
- (ii) the Monthly Fine-scale Catch and Effort Reporting System set out in Conservation Measure 23-04. Fine-scale data shall be submitted on a haul-by-haul basis.
15. For the purpose of Conservation Measures 23-07 and 23-04, the target species is *Dissostichus mawsoni* (any *Dissostichus eleginoides* caught shall be counted towards the overall catch limit for *Dissostichus mawsoni*) and ‘by-catch species’ are defined as any species other than *Dissostichus* spp.
- Data: biological 16. Fine-scale biological data, as required under Conservation Measure 23-05, shall be collected and recorded. Such data shall be reported in accordance with the CCAMLR Scheme of International Scientific Observation.
- Environ-mental protection 17. Conservation Measure 26-01 applies.
18. Conservation Measures 22-06, 22-07 and 22-08 apply.
- ¹ The exact times of nautical twilight are set forth in the Nautical Almanac tables for the relevant latitude, local time and date. A copy of the algorithm for calculating these times is available from the CCAMLR Secretariat. All times, whether for ship operations or observer reporting, shall be referenced to Coordinated Universal Time (UTC).
- ² Wherever possible, when night setting, setting of lines should be completed at least three hours before sunrise (to reduce loss of bait to/catches of white-chinned petrels).
- ³ As set out in SC-CAMLR-XXXIII, paragraph 3.173 (2014).

Annex 41-10/A

Research blocks

Research block 88.2_1 coordinates

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|---------|----------|
| 73°48'S | 108°00'W |
| 73°48'S | 105°00'W |
| 75°00'S | 105°00'W |
| 75°00'S | 108°00'W |

Research block 88.2_2 coordinates

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|---------|----------|
| 73°18'S | 119°00'W |
| 73°18'S | 111°30'W |
| 74°12'S | 111°30'W |
| 74°12'S | 119°00'W |

Research block 88.2_3 coordinates

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|---------|----------|
| 72°12'S | 122°00'W |
| 70°50'S | 115°00'W |
| 71°42'S | 115°00'W |
| 73°12'S | 122°00'W |

Research block 88.2_4 coordinates

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|---------|-----------|
| 72°36'S | 140°00'W |
| 72°36'S | 128°00'W |
| 74°42'S | 128°00'W |
| 74°42'S | 140°00'W. |